

EMC Components

Ferrite Beads

SMD Array

MZA Series MZA2010 Type

Size: JIS/IEC 2010, EIA 0804

FEATURES

- A single MZA series chip provides noise attenuation for four lines, making it ideal for use with I/O lines of various highly miniaturized.
- Electronic equipment, such as portable products, which comprise high density circuitry.
- Low crosstalk between adjacent circuits.
- Internal electrodes feature low DC resistance, minimizing wasteful power consumption.
- Electroplated terminal electrodes accommodate both flow and reflow solderings.
- Monolithic structure ensures high reliability.
- The products contain no lead and also support lead-free soldering.

APPLICATIONS

High-frequency noise countermeasure in computers, printers, VCRs, televisions, portable telephones, and other equipment.

PRODUCT IDENTIFICATION

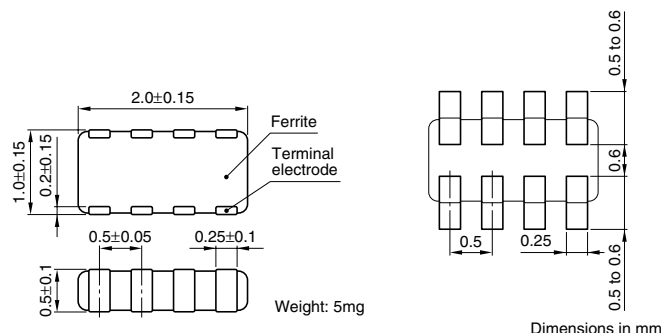
MZA 2010 D 121 C T
(1) (2) (3) (4) (5) (6)

- (1) Series name
(2) Dimensions L×W
(3) Material code
(4) Nominal impedance
121:120Ω at 100MHz
(5) Characteristic type
(6) Packaging style
T:Taping

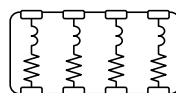
ELECTRICAL CHARACTERISTICS

Part No.	Impedance(Ω) ±25%[100MHz]	DC resistance (Ω)max.	Rated current (mA)max.
MZA2010S121C	120	0.3	50
MZA2010S241C	240	0.5	50
MZA2010S601C	600	0.7	50
MZA2010S102C	1000	1	50
MZA2010Y800C	80	0.3	50
MZA2010Y121C	120	0.4	50
MZA2010Y241C	240	0.6	50
MZA2010Y601C	600	0.8	50
MZA2010Y102C	1000	1	50
MZA2010D330C	33	0.3	50
MZA2010D680C	68	0.5	50
MZA2010D121C	120	0.8	50
MZA2010D241C	240	1.2	50
MZA2010F330C	33	0.6	50
MZA2010F470C	47	0.8	50
MZA2010F560C	56	0.8	50

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN (REFLOW SOLDERING)



CIRCUIT DIAGRAM



- No polarity



TEMPERATURE RANGES

Operating/storage −55 to +125°C

PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	5000 pieces/reel

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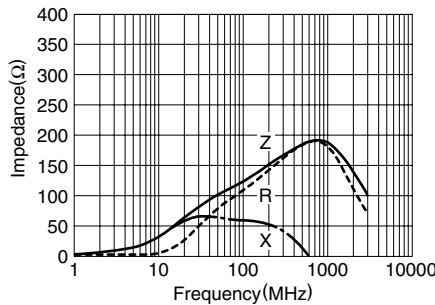
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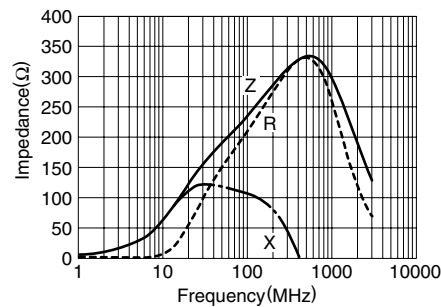
TYPICAL ELECTRICAL CHARACTERISTICS

Z, X, R vs. FREQUENCY CHARACTERISTICS

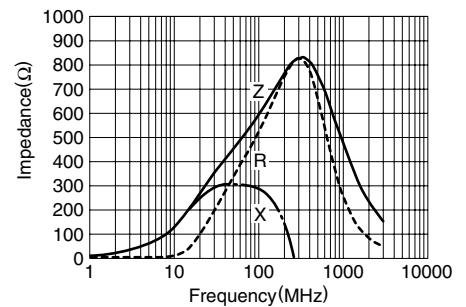
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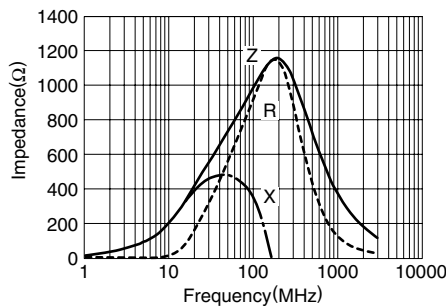
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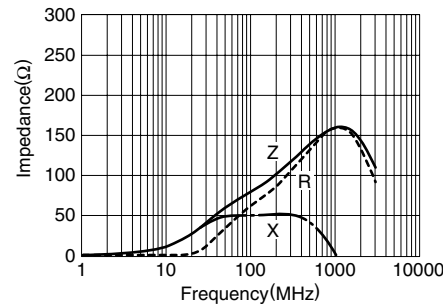
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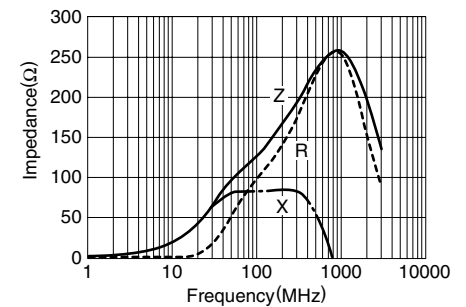
MZA2010S102C



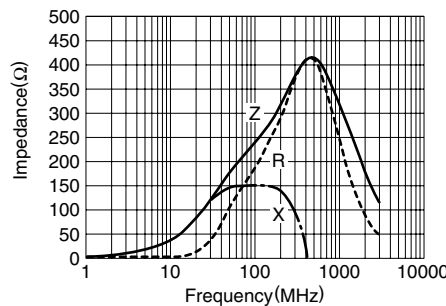
MZA2010Y800C



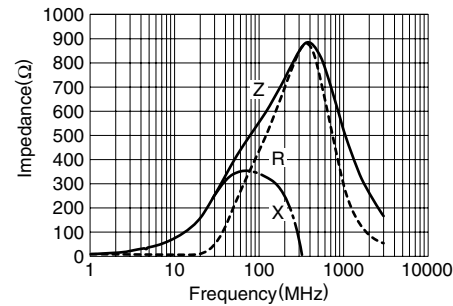
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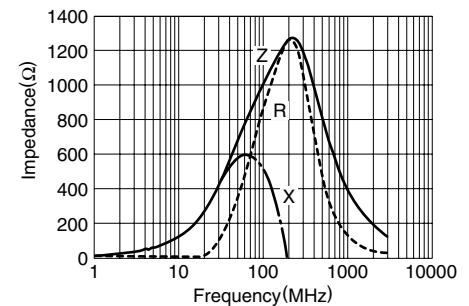
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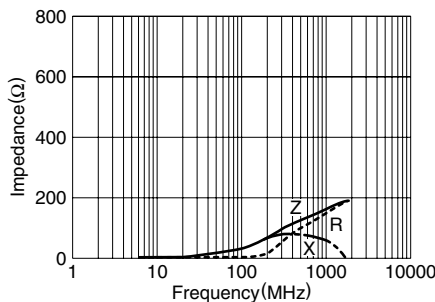
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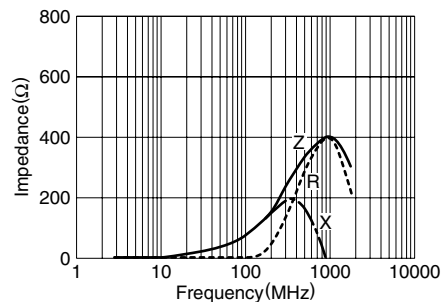
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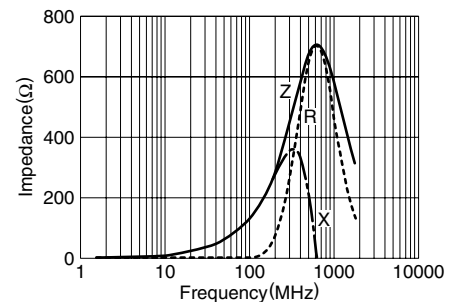
MZA2010D330C



MZA2010D680C



MZA2010D121C



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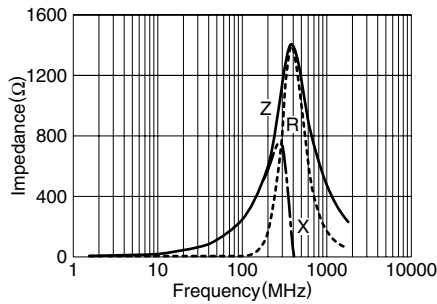
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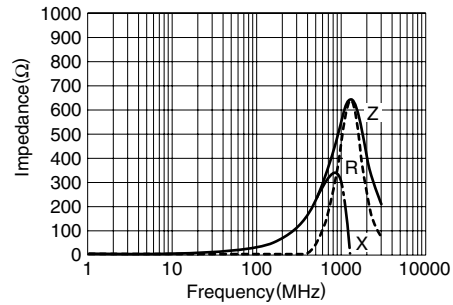
TYPICAL ELECTRICAL CHARACTERISTICS

Z, X, R vs. FREQUENCY CHARACTERISTICS

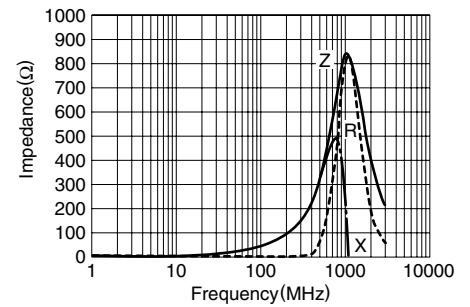
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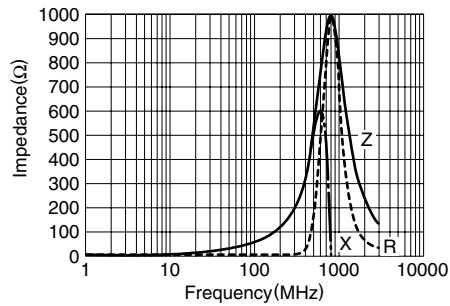
MZA2010F330C



MZA2010F470C



MZA2010F560C



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